

What is claimed is:

1. A medical apparatus for dispensing a biologically active compound,
comprising:

a trocar assembly including a cannula and a trocar, wherein (1) said
5 cannula has a working channel defined therein through which medical
instruments may be advanced, (2) said cannula includes a fluid delivery channel
which is distinct from said working channel, and (3) said fluid delivery channel
has an exit;

a valve in fluid communication with said working channel, said valve
10 being positionable between an open position and a closed position such that (i)
when said valve is located in said open position a gas can be advanced into said
working channel and (ii) when said valve is located in said closed position said
gas is prevented from being advanced into said working channel; and

a chemical container having an interior void defined therein for receiving
15 said biologically active compound, said interior void being in fluid communication
with said exit through said fluid delivery channel, whereby said biologically
active compound may be delivered through said fluid delivery channel to an
outer surface of said cannula.

2. The medical apparatus of claim 1, wherein:
said trocar is positionable between a first trocar position and a second
trocar position,
said trocar is positioned within said working channel of said cannula when
5 said trocar is positioned at said first trocar position, and
said trocar is completely removed from said working channel of said
cannula when said trocar is positioned at said second trocar position.

3. The medical apparatus of claim 1, wherein:
10 said fluid delivery channel is defined in a wall of said cannula.

4. The medical apparatus of claim 3, wherein:
said fluid delivery channel includes a groove defined in a surface of said
cannula.

15 5. The medical apparatus of claim 4, further comprising:
a sponge material disposed in said groove.

6. The medical apparatus of claim 1, wherein:

said trocar assembly further includes a housing secured to said cannula,

and

said chemical container is integrally formed with said housing.

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7. A medical procedure for dispensing a biologically active compound,

comprising said steps of:

creating an opening in a wall of a non-vascular body cavity;

advancing a medical apparatus through said opening and into said non-

10 vascular body cavity, said medical apparatus including a trocar assembly having

(1) a cannula and a trocar, wherein (A) said cannula has a working channel

defined therein through which medical instruments may be advanced, (B) said

cannula includes a fluid delivery channel which is distinct from said working

channel, and (C) said fluid delivery channel has an exit, and (2) a chemical

15 container having an interior void defined therein for receiving said biologically

active compound, said interior void being in fluid communication with said exit

through said fluid delivery channel; and

advancing said biologically active compound from said interior void of

said chemical container onto an exterior surface of said cannula through a fluid

20 path defined by said fluid delivery channel.

8. The medical procedure of claim 7, wherein:

said biologically active compound advancing step includes the step of positioning said medical apparatus relative to said opening such that an amount of said biologically active compound is transferred from said exterior surface of said cannula to a side wall of said opening.

9. The medical procedure of claim 7, wherein:

said trocar is positionable between a first trocar position and a second trocar position,

said trocar is positioned within said working channel of said cannula when said trocar is positioned at said first trocar position, and

said trocar is completely removed from said working channel of said cannula when said trocar is positioned at said second trocar position.

10. The medical procedure of claim 7, wherein:

said fluid delivery channel is defined in a wall of said cannula.

11. The medical procedure of claim 10, wherein:

said fluid delivery channel includes a groove defined in a surface of said cannula.

12. A medical apparatus for dispensing a biologically active compound, comprising:

a sleeve, wherein (1) said sleeve has a working channel defined therein through which medical instruments may be advanced, (2) said sleeve includes a fluid delivery channel which is distinct from said working channel, and (3) said fluid delivery channel has an exit;

a housing secured to said sleeve, said housing having an interior void defined therein for receiving said biologically active compound, wherein said interior void is in fluid communication with said exit through said fluid delivery channel such that said biologically active compound may be delivered through said fluid delivery channel to an outer surface of said sleeve; and

an insufflation valve in fluid communication with said working channel, said insufflation valve being positionable between an open position and a closed position such that (i) when said insufflation valve is located in said open position an insufflation gas can be advanced into said working channel and (ii) when said insufflation valve is located in said closed position said insufflation gas is prevented from being advanced into said working channel.

13. The medical apparatus of claim 12, further comprising a trocar assembly including a cannula and a trocar, wherein:

said trocar assembly is positionable between a first trocar assembly position and a second trocar assembly position,

5 said trocar assembly is located within said working channel of said sleeve when said trocar assembly is positioned at said first trocar assembly position, and

said trocar assembly is completely removed from said working channel of said sleeve when said trocar assembly is positioned at said second trocar
10 assembly position.

14. The medical apparatus of claim 12, wherein:

said fluid delivery channel is defined in a wall of said sleeve.

15 15. The medical apparatus of claim 14, wherein:

said fluid delivery channel includes a groove defined in a surface of said sleeve.

16. The medical apparatus of claim 12, wherein:

20 said sleeve further includes a number of sealing members extending therefrom.

17. The medical apparatus of claim 12, wherein:

said housing is integrally formed with said sleeve.

18. A medical apparatus for dispensing a biologically active compound,

5 comprising:

a trocar assembly including a cannula and a trocar, wherein (1) said cannula has a working channel defined therein, said working channel having a cross-sectional area sized for passage of a laparoscope therethrough, (2) said cannula includes a fluid delivery channel which is distinct from said working

10 channel, and (3) said fluid delivery channel has an exit; and

a chemical container having an interior void defined therein for receiving said biologically active compound, said interior void being in fluid communication with said exit through said fluid delivery channel, whereby said biologically active compound may be delivered through said fluid delivery channel to an

15 outer surface of said cannula.

19. The medical apparatus of claim 18, wherein:

said fluid delivery channel includes a groove defined in a surface of said cannula.

20. The medical apparatus of claim 18 further comprising:

a valve in fluid communication with said working channel, said valve being positionable between an open position and a closed position such that (i) when said valve is located in said open position a gas can be advanced into said
5 working channel and (ii) when said valve is located in said closed position said gas is prevented from being advanced into said working channel.

21. The medical apparatus of claim 18, wherein:

said chemical container is integrally formed with said cannula.

22. A medical procedure for dispensing a biologically active compound, comprising the steps of:

creating an opening in a wall of a body cavity;

advancing a medical apparatus through the opening and into the body

5 cavity, said medical apparatus including a trocar assembly having (1) a cannula and a trocar, wherein (A) said cannula has a working channel defined therein through which medical instruments may be advanced, (B) said cannula includes a fluid delivery channel which is distinct from said working channel, and (C) said fluid delivery channel has an exit port, and (2) a chemical container having an
10 interior void defined therein for receiving said biologically active compound, said interior void being in fluid communication with said exit port through said fluid delivery channel;

advancing a gas into said body cavity; and

advancing said biologically active compound from said interior void of
15 said chemical container onto an exterior surface of said cannula through a fluid path defined by said fluid delivery channel.

23. An arrangement for delivering a biologically active compound, comprising:

20 a chemical container configured to be removably disposed in a void of a housing of a trocar assembly.